

# Pesticides - Prelims

303864



Table 3  
Preliminary Analytical Data Summary Table - Pesticides  
Superior Barrel and Drum Site  
September 2013

RST 2 Sample ID	P001-TW-1001-1	P001-TW-1002-1	P001-TW-1003-1	P001-TW-1004-1	P001-TW-1005-1	P001-TW-1006-1	P001-TW-1007-1	P001-TW-1008-1	P001-TW-1009-1	P001-TW-1010-1	P001-TW-1011-1
CLP Sample ID	BAZS5	BAZS6	BAZS7	BAZS8	BAZS9	BAZT0	BAZT1	BAZT2	BAZT3	BAZT4	BAZT5
Area	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01
Sampling Date	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)
alpha-BHC	190 P	ND	ND	67 P	ND	ND	ND	53 P	ND	ND	ND
beta-BHC	63 P	ND	110 P	ND	78 P	ND	ND	64 P	ND	ND	ND
delta-BHC	ND	ND	110 P	130 P	ND	49 P	ND	340 P	ND	310 P	ND
gamma-BHC (Lindane)	ND	ND	ND	ND	ND	ND	ND	70 P	ND	ND	ND
Heptachlor	ND	ND	83 P	ND	ND	58 P	ND	180 P	ND	4,100 PE	ND
Aldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	530 P	ND
Heptachlor epoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,100 E	ND
Endosulfan I	ND	ND	ND	ND	ND	ND	ND	ND	ND	110 P	ND
Dieldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,500 PE	ND
4,4'-DDE	100 P	ND	ND	ND	ND	ND	ND	840 P	ND	840 P	ND
Endrin	ND	ND	ND	ND	ND	220 P	ND	ND	ND	ND	ND
Endosulfan II	ND	ND	ND	ND	ND	ND	ND	ND	ND	6,200 PE	ND
4,4'-DDD	ND	ND	ND	ND	ND	ND	ND	140 P	ND	11,000 E	ND
Endosulfan sulfate	ND	ND	ND	ND	ND	ND	ND	140 P	ND	780 P	ND
4,4'-DDT	ND	ND	ND	ND	ND	ND	ND	ND	ND	970 P	ND
Methoxychlor	ND	ND	ND	ND	ND	560	ND	420 PJ	ND	7,000 P	ND
Endrin ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	170 P	ND
Endrin aldehyde	ND	ND	ND	ND	ND	210 P	ND	ND	ND	7,000 PE	ND
alpha-Chlordane	ND	ND	61 P	62 P	ND	ND	ND	ND	ND	740 PE	ND
gamma-Chlordane	ND	ND	85 P	67 P	ND	ND	ND	2,900 E	ND	530 P	ND
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

RST 2 Sample ID	P001-TW-1012-1	P001-TW-1013-1	P001-TW-1014-1	P001-TW-1015-1	P001-TW-1015-2	P001-DW-1016-1	P001-DW-1019-1	P001-DW-1024-1	P001-DW-2001-1	P001-DW-2003-1	P001-DW-2004-1
CLP Sample ID	BAZT6	BAZT7	BAZT8	BAZT9	BAZW0	BB004	BB005	BB006	BAZQ1	BAZQ2	BAZQ3
Area	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area02	Area02	Area02
Sampling Date	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/27/2013	9/27/2013	9/27/2013	9/28/2013	9/28/2013	9/28/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)
alpha-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
beta-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	110 P
delta-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
gamma-BHC (Lindane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
alpha-Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
gamma-Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

50 X DF

50 X DF

50 X DF

## Notes:

All results are preliminary and have not gone through any data review or validation process.

Detected concentrations are **Bolded**.

E - Sample concentrations exceeded the upper level of the calibration range.

J - Indicates the reported value is an estimate.

P - Indicates that there is greater than 25% difference for detected concentrations between the two GC columns for the analyte.

D - Indicates that sample was reanalyzed at a higher dilution.

ND - Indicates the analyte was analyzed for but not detected.

DF - Dilution factor



Table 3  
Preliminary Analytical Data Summary Table - Pesticides  
Superior Barrel and Drum Site  
September 2013

RST 2 Sample ID	P001-DW-2006-1	P001-DW-2006-2	P001-DW-2007-1	P001-DW-2011-1	P001-DW-2016-1	P001-DG-2020-1	P001-DW-2025-1	P001-DW-2034-1	P001-DW-2036-1	P001-DW-2041-1	P001-DW-2042-1
CLP Sample ID	BAZQ4	BAZQ5	BAZQ6	BAZQ7	BAZS4	BAZW1	BAZS1	BAZW2	BAZS2	BAZS0	BAZS3
Area	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02
Sampling Date	9/20/2013	9/20/2013	9/20/2013	9/20/2013	9/23/2013	9/24/2013	9/23/2013	9/24/2013	9/23/2013	9/23/2013	9/23/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Sludge Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)
alpha-BHC	ND	ND	ND	ND	ND	ND	ND	52 P	ND	ND	ND
beta-BHC	170 P	140 P	ND	ND	ND	ND	ND	1,100 PE	ND	170 P	ND
delta-BHC	ND	65 P	ND	ND	ND	ND	100 P	1,500 PE	ND	ND	ND
gamma-BHC (Lindane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	94 P
Heptachlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aldrin	ND	ND	ND	ND	ND	ND	320	100	ND	ND	150 P
Heptachlor epoxide	ND	ND	ND	ND	ND	ND	170 P	1,000 PE	ND	120 P	110 P
Endosulfan I	ND	ND	ND	ND	ND	ND	880 PE	ND	ND	ND	120
Dieldrin	ND	ND	ND	ND	ND	ND	1,300 P	ND	ND	610	ND
4,4'-DDE	ND	ND	ND	ND	ND	ND	970 P	ND	ND	270 P	ND
Endrin	ND	ND	ND	ND	ND	ND	ND	110	ND	ND	170 P
Endosulfan II	ND	ND	ND	ND	ND	ND	3,400 PE	1,500 PE	ND	750 P	270 P
4,4'-DDD	ND	ND	ND	ND	ND	ND	1,900 PE	320	ND	1,200 P	330
Endosulfan sulfate	ND	ND	ND	ND	ND	ND	450 P	ND	ND	ND	120
4,4'-DDT	ND	ND	ND	ND	ND	ND	1,200 P	ND	ND	550 P	180 P
Methoxychlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,600	ND
Endrin ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	ND	ND	ND	ND	ND	ND	940 P	ND	ND	350 P	ND
alpha-Chlordane	ND	ND	ND	ND	ND	ND	1,300 E	15,000 E	ND	ND	100 P
gamma-Chlordane	ND	ND	ND	ND	ND	ND	1,200 PE	ND	ND	ND	91 P
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

2 X DF

RST 2 Sample ID	P001-DW-2046-1	P001-DW-2047-1	P001-DW-2048-1	P001-DW-2050-1	P001-DW-2051-1	P001-DW-2058-1	P001-DW-2059-1	P001-DW-2060-1	P001-DW-2062-1	P001-DW-2063-1	P001-DW-2064-1
CLP Sample ID	BAZW3	BOAG9	BAZW4	BAZW7	BAZW6	BAZX4	BAZX0	BAZY1	BAZX2	BAZX7	BAZR7
Area	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02
Sampling Date	9/24/2013	9/24/2013	9/24/2013	9/24/2013	9/24/2013	9/25/2013	9/25/2013	9/25/2013	9/25/2013	9/25/2013	9/23/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)
alpha-BHC	ND	ND	ND	ND	120 P	280 P	ND	ND	ND	ND	850 D*
beta-BHC	ND	ND	ND	ND	ND	7,600 E	ND	120	ND	ND	630 P
delta-BHC	ND	ND	ND	ND	ND	2,600 PE	ND	140 P	ND	ND	260 P
gamma-BHC (Lindane)	ND	ND	ND	ND	470 P	230	ND	ND	ND	ND	ND
Heptachlor	ND	ND	ND	ND	ND	490 P	ND	160 P	ND	ND	ND
Aldrin	ND	ND	ND	ND	ND	ND	ND	220 P	ND	ND	ND
Heptachlor epoxide	ND	62 P	ND	ND	140 P	ND	ND	ND	ND	ND	ND
Endosulfan I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	90 P
Dieldrin	ND	ND	ND	ND	120 P	ND	ND	570 P	ND	ND	ND
4,4'-DDE	ND	ND	ND	ND	130 P	ND	ND	210 P	ND	ND	ND
Endrin	ND	ND	ND	ND	110 P	ND	ND	ND	ND	ND	ND
Endosulfan II	ND	ND	ND	ND	480 P	ND	ND	ND	ND	ND	170 P
4,4'-DDD	ND	ND	ND	ND	970 P	ND	ND	7,400 PE	ND	ND	ND
Endosulfan sulfate	ND	250 P	ND	ND	380 P	ND	ND	ND	ND	ND	ND
4,4'-DDT	ND	ND	ND	ND	690 P	ND	ND	1,400 P	ND	ND	ND
Methoxychlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	ND	ND	ND	ND	310 P	ND	ND	1,300 P	ND	ND	130
alpha-Chlordane	ND	200	ND	ND	83 P	ND	ND	ND	ND	ND	ND
gamma-Chlordane	ND	130 P	ND	ND	96 P	ND	ND	280	ND	ND	95 P
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

\*5 X DF

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Table 3  
Preliminary Analytical Data Summary Table - Pesticides  
Superior Barrel and Drum Site  
September 2013

RST 2 Sample ID	P001-DW-2065-1	P001-DW-2067-1	P001-DW-2069-1	P001-DW-2073-1	P001-DW-2074-1	P001-DW-2076-1	P001-DW-2081-1	P001-DW-2086-1	P001-DG-2087-1	P001-DW-2090-1	P001-DW-2090-2
CLP Sample ID	BAZX8	BAZX5	BAZRS	BAZW9	BAZX6	BAZX9	BAZR9	BAZX1	BAZY0	BB007	BB008
Area	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02
Sampling Date	9/25/2013	9/25/2013	9/23/2013	9/25/2013	9/25/2013	9/25/2013	9/23/2013	9/25/2013	9/25/2013	9/27/2013	9/27/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Sludge Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)
alpha-BHC	100 P	ND	ND	ND	ND	ND	ND	ND	ND	1,100 P	3,200 P
beta-BHC	75 P	ND	ND	ND	ND	98 P	ND	300 P	ND	870 P	7,200 P
delta-BHC	160 P	150 P	100 P	ND	ND	270 P	ND	260	ND	ND	850 P
gamma-BHC (Lindane)	59 P	ND	ND	ND	ND	630	ND	150	ND	ND	ND
Heptachlor	ND	ND	ND	ND	ND	14,000 PE	ND	130 P	ND	610 P	2,400 P
Aldrin	ND	ND	ND	ND	ND	59 P	ND	ND	ND	9,100 PE	25,000 PE
Heptachlor epoxide	1,500 PE	ND	ND	ND	ND	200	ND	100	ND	15,000 PE	7,200 P
Endosulfan I	ND	ND	ND	ND	ND	95 P	ND	260 P	ND	ND	15,000 PE
Dieldrin	ND	ND	ND	ND	ND	ND	ND	130 P	ND	29,000 PE	48,000 E
4,4'-DDE	140 P	ND	ND	ND	ND	270 P	ND	ND	ND	36,000 PE	80,000 E
Endrin	ND	ND	ND	ND	ND	110 P	ND	ND	ND	ND	ND
Endosulfan II	ND	ND	ND	ND	ND	3,700 P	ND	ND	ND	22,000 PE	16,000 PE
4,4'-DDD	120 P	ND	ND	ND	ND	370	ND	ND	ND	52,000 PE	26,000 PE
Endosulfan sulfate	ND	ND	ND	ND	ND	ND	ND	ND	ND	6,600 P	5,100 P
4,4'-DDT	760 P	ND	ND	ND	ND	ND	ND	ND	ND	8,700 P	70,000 PE
Methoxychlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	160,000 PE	ND
Endrin ketone	ND	ND	ND	ND	ND	100	ND	200 P	ND	ND	ND
Endrin aldehyde	5,700 E	ND	ND	ND	ND	ND	300	ND	ND	37,000 E	24,000 PE
alpha-Chlordane	670 P	1,100 E	ND	ND	ND	ND	ND	160 P	ND	33,000 E	23,000 PE
gamma-Chlordane	160 P	ND	ND	ND	ND	230 P	ND	3,000 E	ND	15,000 PE	19,000 PE
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

10 X DF

10 X DF

RST 2 Sample ID	P001-DW-2093-1	P001-DW-2094-1	P001-DW-2100-1	P001-DW-2112-1	P001-DW-2113-1	P001-TW-2115-1	P001-DW-2121-1	P001-DW-4006-1	P001-DW-5001-1	P001-DW-5002-1	P001-DW-5006-1
CLP Sample ID	BB009	BB010	BB011	BB012	BB013	BB014	BB015	BB016	BAZN1	BAZN2	BAZN3
Area	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area04	Area05	Area05	Area05
Sampling Date	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/18/2013	9/18/2013	9/18/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)
alpha-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
beta-BHC	ND	ND	ND	ND	ND	3,200	ND	ND	ND	ND	ND
delta-BHC	ND	ND	ND	ND	ND	2,200 P	ND	ND	ND	93 P	ND
gamma-BHC (Lindane)	ND	ND	ND	ND	ND	790 P	ND	ND	ND	ND	ND
Heptachlor	ND	ND	ND	ND	ND	700 P	ND	ND	ND	480 P	ND
Aldrin	ND	ND	ND	ND	ND	3,100 P	ND	ND	ND	180 P	ND
Heptachlor epoxide	590 P	ND	ND	ND	ND	4,500	ND	ND	ND	150	ND
Endosulfan I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	ND	ND	1,200 P	ND	ND	5,400 P	ND	ND	ND	4,500 D*	ND
4,4'-DDE	ND	ND	ND	ND	ND	10,000 P	ND	ND	ND	ND	ND
Endrin	ND	ND	ND	ND	ND	ND	5,400	ND	ND	ND	ND
Endosulfan II	ND	ND	ND	ND	ND	3,300 P	ND	ND	ND	ND	ND
4,4'-DDD	ND	ND	ND	ND	ND	15,000 PE	ND	ND	ND	91 P	ND
Endosulfan sulfate	ND	ND	990 J	ND	ND	6,600 P	ND	ND	ND	ND	ND
4,4'-DDT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	ND	ND	ND	ND	ND	100,000 E	ND	ND	ND	ND	ND
Endrin ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	17,000 E	ND	990	ND	ND	9,000	71,000	ND	ND	ND	ND
alpha-Chlordane	ND	ND	ND	ND	ND	6,100	ND	ND	ND	ND	ND
gamma-Chlordane	ND	ND	ND	ND	ND	1,800 P	ND	ND	ND	ND	ND
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

10 X DF

10 X DF

10 X DF

10 X DF

10 X DF

10 X DF

50 X DF

10 X DF

\*10 X DF

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Table 3  
Preliminary Analytical Data Summary Table - Pesticides  
Superior Barrel and Drum Site  
September 2013

RST 2 Sample ID	P001-DW-5006-2	P001-DW-5009-1	P001-DW-5013-1	P001-DW-5023-1	P001-DW-5024-1	P001-DW-5027-1	P001-DW-5029-1	P001-DW-6006-1	P001-DW-6009-1	P001-DW-6010-1	P001-DW-6011-1
CLP Sample ID	BAZN4	BAZN5	BAZN6	BAZN7	BAZN8	BAZN9	BAZP0	BAZP1	BAZP9	BAZQ0	BAZP2
Area	Area05	Area05	Area05	Area05	Area05	Area05	Area05	Area06	Area06	Area06	Area06
Sampling Date	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/19/2013	9/19/2013	9/19/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)
alpha-BHC	ND	180 P	ND	ND	ND	ND	ND	ND	ND	ND	ND
beta-BHC	ND	290 P	ND	ND	ND	ND	ND	ND	ND	ND	ND
delta-BHC	ND	160 P	ND	ND	ND	ND	ND	ND	ND	ND	ND
gamma-BHC (Lindane)	ND	440 P	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	ND	82 P	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aldrin	ND	49 P	ND	ND	ND	590 P	ND	ND	ND	ND	ND
Heptachlor epoxide	ND	260 DP*	ND	ND	ND	64 P	ND	ND	ND	ND	ND
Endosulfan I	ND	670	ND	ND	ND	61 P	ND	ND	ND	ND	ND
Dieldrin	ND	730	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	ND	490 P	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	ND	180 P	ND	ND	ND	450 P	ND	ND	ND	ND	ND
Endosulfan II	ND	360	ND	ND	ND	570 P	ND	ND	ND	ND	ND
4,4'-DDD	ND	570 P	ND	ND	ND	610	ND	ND	ND	ND	ND
Endosulfan sulfate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	ND	130 P	ND	ND	ND	340 P	ND	ND	ND	ND	ND
Methoxychlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	ND	240 P	ND	ND	ND	800 P	ND	ND	ND	ND	ND
alpha-Chlordane	ND	270 P	ND	ND	ND	170 P	ND	ND	ND	ND	ND
gamma-Chlordane	ND	1,000 PE	ND	ND	ND	76 P	ND	ND	ND	ND	ND
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

\*5 X DF

RST 2 Sample ID	P001-DW-6017-1	P001-DW-6018-1	P001-DW-6021-1	P001-DW-6024-1	P001-DW-6035-1	P001-TW-6038-1	P001-TW-6038-2	P001-S-2001-1	P001-S-2002-1	P001-S-2003-1	P001-S-2001-1
CLP Sample ID	BAZP3	BAZP4	BAZP5	BAZP6	BAZQ8	BB017	BB018	BAZQ9	BAZZ9	BB000	BAZR0
Area	Area06	Area06	Area06	Area06	Area06	Area06	Area06	Area02	Area02	Area02	Area03
Sampling Date	9/19/2013	9/19/2013	9/19/2013	9/19/2013	9/20/2013	9/27/2013	9/27/2013	9/20/2013	9/26/2013	9/26/2013	9/20/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)
alpha-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
beta-BHC	ND	ND	ND	ND	ND	ND	800	11 P	ND	ND	ND
delta-BHC	ND	51 P	ND	ND	ND	ND	ND	33 P	ND	ND	ND
gamma-BHC (Lindane)	ND	ND	ND	ND	ND	ND	ND	11 P	ND	ND	ND
Heptachlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aldrin	ND	ND	ND	ND	ND	ND	ND	22 P	ND	ND	ND
Heptachlor epoxide	ND	ND	ND	55 P	ND	ND	ND	68 P	620 P	ND	3.0 P
Endosulfan I	ND	ND	ND	ND	ND	ND	ND	22 P	ND	120	ND
Dieldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	ND	ND	ND	ND	ND	ND	ND	91 P	ND	120 P	ND
Endosulfan II	ND	ND	ND	ND	ND	ND	ND	19 P	ND	620	ND
4,4'-DDD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.7 P
Methoxychlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.7 P
Endrin aldehyde	ND	ND	ND	ND	ND	ND	ND	ND	ND	230	ND
alpha-Chlordane	ND	ND	ND	ND	ND	ND	ND	31 P	ND	4,000 E	2.4 P
gamma-Chlordane	89 P	ND	ND	ND	ND	ND	ND	99 P	ND	110	2.4 P
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

10 X DF

10 X DF

Notes:

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Detected concentrations are **Bolded**.

E - Sample concentrations exceeded the upper level of the calibration range.

J - Indicates the reported value is an estimate.

P - Indicates that there is greater than 25% difference for detected concentrations between the two GC columns for the analyte.

D - Indicates that sample was reanalyzed at a higher dilution.

ND - Indicates the analyte was analyzed for but not detected.

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Table 3  
Preliminary Analytical Data Summary Table - Pesticides  
Superior Barrel and Drum Site  
September 2013

RST 2 Sample ID	P001-S-3001-2	P001-S-3002-1	P001-S-3003-1	P001-S-3004-1	P001-S-3005-1	P001-S-3006-1	P001-S-3007-1	P001-S-3008-1	P001-S-3009-1	P001-S-3010-1	P001-S-3011-1
CLP Sample ID	BAZR1	BAZR2	BAZR3	BAZZ0	BAZY9	B0AL6	B0AK4	B0AK9	B0AK8	B0AK5	B0AK7
Area	Area03	Area03	Area03	Area03	Area03	Area03	Area03	Area03	Area03	Area03	Area03
Sampling Date	9/20/2013	9/20/2013	9/20/2013	9/26/2013	9/26/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013
Sample Matrix (Unit)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)
alpha-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
beta-BHC	ND	ND	12 P	ND	ND	ND	ND	ND	ND	ND	ND
delta-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
gamma-BHC (Lindane)	ND	3.6	ND	ND	ND	ND	ND	ND	ND	240 P	ND
Heptachlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	ND	4.6 P	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan I	ND	2.9	20 P	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	ND	ND	17	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	9.6	ND	230 P	ND	ND	ND	ND	200	ND	ND	ND
Endosulfan II	8.7 P	ND	ND	ND	ND	ND	ND	ND	ND	700 P	ND
4,4'-DDD	9.7 P	ND	ND	ND	ND	ND	ND	44 P	ND	1,200	ND
Endosulfan sulfate	13 P	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	28 P	ND	ND	ND	ND	ND	ND	330 P	ND	ND	ND
Methoxychlor	ND	ND	ND	ND	ND	95 J	270 P	ND	ND	ND	ND
Endrin ketone	ND	ND	ND	ND	ND	51 P	ND	ND	ND	230	ND
Endrin aldehyde	22 P	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
alpha-Chlordane	3.9 P	3.4 P	13 P	ND	ND	98	ND	ND	ND	ND	ND
gamma-Chlordane	ND	5.2 P	26 P	ND	ND	ND	ND	27 P	ND	170 P	ND
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

10 X DF

10 X DF

10 X DF

10 X DF

50 X DF

50 X DF

RST 2 Sample ID	P001-S-3012-1	P001-S-3013-1	P001-S-4001-1	P001-S-4002-1	P001-S-4003-1	P001-S-5001-1	P001-S-5002-1	P001-S-5003-1	P001-S-5004-1	P001-S-5005-1	P001-S-6001-1
CLP Sample ID	B0AN6	BAZY8	BB001	BB002	BB003	BAZZ1	BAZZ2	BAZZ8	BAZZ3	BAZZ4	BAZR4
Area	Area03	Area03	Area04	Area04	Area04	Area05	Area05	Area05	Area05	Area05	Area06
Sampling Date	9/27/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/20/2013
Sample Matrix (Unit)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)
alpha-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
beta-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.4 P	ND
delta-BHC	ND	ND	3.7 P	ND	ND	ND	ND	ND	ND	6.1 P	ND
gamma-BHC (Lindane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.7 P	ND
Heptachlor	ND	ND	5.9 P	ND	ND	ND	ND	ND	ND	ND	ND
Aldrin	ND	ND	2.2 P	ND	ND	ND	ND	ND	ND	11	ND
Heptachlor epoxide	ND	ND	ND	ND	11 P	2.5 P	ND	ND	ND	34	ND
Endosulfan I	ND	ND	2.3 P	ND	4.7 P	ND	ND	ND	ND	47 PE	ND
Dieldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	36 P	ND
4,4'-DDE	ND	ND	6.2	ND	ND	5.8	ND	ND	ND	19 P	ND
Endrin	ND	ND	17	ND	14 P	ND	ND	ND	ND	39 P	ND
Endosulfan II	ND	ND	12 P	ND	ND	ND	ND	ND	ND	130 E	ND
4,4'-DDD	ND	ND	6.9 P	ND	9.4 P	7.9 P	ND	ND	ND	110 PE	ND
Endosulfan sulfate	ND	ND	9.3 P	ND	ND	3.9 P	ND	ND	ND	44 P	ND
4,4'-DDT	ND	ND	11	ND	58 P	8.4 P	4.2 P	ND	6.4	98 PE	ND
Methoxychlor	ND	ND	85	ND	110 P	ND	ND	ND	ND	73 P	ND
Endrin ketone	ND	ND	5.8 P	ND	ND	6.7 P	6.4 P	ND	6.0 P	25 P	ND
Endrin aldehyde	ND	ND	7.2 P	ND	17 P	ND	ND	19	ND	62 P	ND
alpha-Chlordane	ND	ND	3.4 P	ND	170 PE	3.3 P	ND	ND	ND	68 PE	ND
gamma-Chlordane	ND	ND	4.4 P	ND	4.8 P	3.0 P	ND	6.8 P	2.2 P	21 P	ND
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

10 X DF

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Superior Barrel and Drum Site  
September 2013

RST 2 Sample ID	P001-S-6002-1	P001-S-6003-1	P001-S-6004-1	P001-S-6005-1	P001-S-6005-2	P001-S-6006-1	P001-S-6007-1	P001-S-6008-1	P001-S-7001-1	P001-S-7002-1	P001-S-7003-1
CLP Sample ID	BAZR5	BAZR6	BAZZ7	BAZY3	BAZY4	BAZZ5	BAZZ6	BAZY2	BAZY5	BAZY6	BAZY7
Area	Area06	Area06	Area06	Area06	Area06	Area06	Area06	Area06	Area07	Area07	Area07
Sampling Date	9/20/2013	9/20/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013
Sample Matrix (Unit)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)
alpha-BHC	ND	ND	ND	ND	ND	ND	ND	17 P	ND	ND	ND
beta-BHC	ND	ND	ND	ND	ND	ND	ND	4.3 P	ND	ND	ND
delta-BHC	ND	ND	ND	ND	ND	ND	ND	14	ND	ND	ND
gamma-BHC (Lindane)	ND	ND	ND	ND	ND	ND	ND	11 P	ND	ND	ND
Heptachlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	ND	ND	ND	ND	ND	ND	ND	2.2 P	ND	ND	ND
Endosulfan I	ND	ND	ND	ND	ND	ND	ND	1.8 PJ	ND	ND	ND
Dieldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	ND	ND	ND	ND	ND	ND	ND	7.1 P	ND	ND	ND
Endrin	ND	ND	ND	6.3 P	6.0 P	ND	ND	ND	ND	6.4 P	ND
Endosulfan II	ND	ND	ND	ND	ND	ND	ND	150 PE	ND	ND	ND
4,4'-DDD	ND	ND	ND	ND	ND	ND	ND	8.1 P	ND	ND	ND
Endosulfan sulfate	ND	ND	ND	4.1 P	ND	330	6.7 P	ND	ND	ND	ND
4,4'-DDT	ND	ND	6.9	ND	ND	ND	6.1	11 P	ND	ND	ND
Methoxychlor	ND	ND	6.8 PJ	ND	ND	320 PJ	ND	ND	ND	ND	ND
Endrin ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	ND	ND	5.6	4.0	ND	ND	ND	4.3 P	ND	ND	ND
alpha-Chlordane	ND	ND	ND	2.3 P	2.5 P	ND	5.7	2.2 P	ND	3.7	ND
gamma-Chlordane	ND	ND	6.0 P	2.1 P	2.0 P	ND	ND	ND	3.0 P	5.1 P	4.4 P
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

RST 2 Sample ID	P001-SW-1001-1	P001-SW-3001-1	P001-SW-3001-2	P001-SW-3002-1	P001-SW-6001-1
CLP Sample ID	BB019	BB020	BB0E1	BB0E2	BB0E3
Area	Area01	Area03	Area03	Area03	Area06
Sampling Date	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013
Sample Matrix (Unit)	Surface Water (ug/L)	Surface Water (ug/L)	Surface Water (ug/L)	Surface Water (ug/L)	Surface Water (ug/L)
alpha-BHC	ND	ND	ND	ND	ND
beta-BHC	ND	ND	ND	ND	ND
delta-BHC	ND	ND	ND	ND	ND
gamma-BHC (Lindane)	ND	ND	ND	ND	ND
Heptachlor	ND	ND	ND	ND	ND
Aldrin	ND	ND	ND	ND	ND
Heptachlor epoxide	ND	ND	ND	ND	ND
Endosulfan I	ND	ND	ND	ND	ND
Dieldrin	ND	ND	ND	ND	ND
4,4'-DDE	ND	ND	ND	ND	ND
Endrin	ND	ND	ND	ND	ND
Endosulfan II	ND	ND	ND	ND	ND
4,4'-DDD	ND	ND	ND	ND	ND
Endosulfan sulfate	ND	ND	ND	ND	ND
4,4'-DDT	ND	ND	ND	ND	ND
Methoxychlor	ND	ND	ND	ND	ND
Endrin ketone	ND	ND	ND	ND	ND
Endrin aldehyde	ND	ND	ND	ND	ND
alpha-Chlordane	ND	ND	0.064 P	ND	ND
gamma-Chlordane	ND	ND	ND	ND	ND
Toxaphene	ND	ND	ND	ND	ND

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